- <110> Hellinga, Homme W. Looger, Loren L.
- <120> Biosensor
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- <141> 2003-10-16
- <150> US 60/418,359
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- Ala Leu Ala Gly Ile Thr Ile Thr Asp Glu Arg Lys Lys Ala Ile Asp 65 70 75 80
- Phe Ser Asp Gly Tyr Tyr Lys Ser Gly Leu Leu Val Met Val Lys Ala 85 90 95
- Asn Asn Asp Val Lys Ser Val Lys Asp Leu Asp Gly Lys Val Val 100 105 110
- Ala Val Lys Ser Gly Thr Gly Ser Val Asp Tyr Ala Lys Ala Asn Ile 115 120 125
- Lys Thr Lys Asp Leu Arg Gln Phe Pro Asn Ile Asp Asn Ala Tyr Met 130 135 140
- Glu Leu Gly Thr Asn Arg Ala Asp Ala Val Leu His Asp Thr Pro Asn 145 150 155 160

Ile Leu Tyr Phe Ile Lys Thr Ala Gly Asn Gly Gln Phe Lys Ala Val .165 170 175

Gly Asp Ser Leu Glu Ala Gln Gln Tyr Gly Ile Ala Phe Pro Lys Gly
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Ser Asp Glu Leu Arg Asp Lys Val Asn Gly Ala Leu Lys Thr Leu Arg 195 200 205

Glu Asn Gly Thr Tyr Asn Glu Ile Tyr Lys Lys Trp Phe Gly Thr Glu 210 215 220

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35 40 45

Glu Asn Pro Leu Asp Ala Leu Ile Pro Ser Leu Lys Ala Lys Lys Ile 50 55 60

Asp Ala Ile Met Ser Ser Leu Ser Ile Thr Glu Lys Arg Gln Gln Glu 65 70 75 80

Ile Ala Phe Thr Asp Lys Leu Tyr Ala Ala Asp Ser Arg Leu Val Val 85 90 95

Ala Lys Asn Ser Asp Ile Gln Pro Thr Val Glu Ser Leu Lys Gly Lys
100 105 110

Arg Val Gly Val Leu Gln Gly Thr Thr Gln Glu Thr Phe Gly Asn Glu
115 120 125

His Trp Ala Pro Lys Gly Ile Glu Ile Val Ser Tyr Gln Gly Gln Asp 130 135 140

Asn Ile Tyr Ser Asp Leu Thr Ala Gly Arg Ile Asp Ala Ala Phe Gln 145 150 155 160

Asp Glu Val Ala Ala Ser Glu Gly Phe Leu Lys Gln Pro Val Gly Lys 165 170 175 Asp Tyr Lys Phe Gly Gly Pro Ser Val Lys Asp Glu Lys Leu Phe Gly 180. 185 190

Val Gly Thr Gly Met Gly Leu Arg Lys Glu Asp Asn Glu Leu Arg Glu
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Ala Val Lys Lys Leu Asn Lys Pro Asp Leu Gln Val Lys Leu Ile 50 55 60

Pro Ile Thr Ser Gln Asn Arg Ile Pro Leu Leu Gln Asn Gly Thr Phe 65 70 75 80

Asp Phe Glu Cys Gly Ser Thr Thr Asn Asn Val Glu Arg Gln Lys Gln
85 90 95

Ala Ala Phe Ser Asp Thr Ile Phe Val Val Gly Thr Arg Leu Leu Thr
100 105 110

Lys Lys Gly Gly Asp Ile Lys Asp Phe Ala Asn Leu Lys Asp Lys Ala 115 120 125

Val Val Val Thr Ser Gly Thr Thr Ser Glu Val Leu Leu Asn Lys Leu 130 135 140

Asn Glu Glu Gln Lys Met Asn Met Arg Ile Ile Ser Ala Lys Asp His 145 150 155 160

Gly Asp Ser Phe Arg Thr Leu Glu Ser Gly Arg Ala Val Ala Phe Met 165 170 175

Met Asp Asp Ala Leu Leu Ala Gly Glu Arg Ala Lys Ala Lys Lys Pro 180 185 190 Asp Asn Trp Glu Ile Val Gly Lys Pro Gln Ser Gln Glu Ala Tyr Gly 195 . 200 205

Cys Met Leu Arg Lys Asp Asp Pro Gln Phe Lys Lys Leu Met Asp Asp 210 215 220

Thr Ile Ala Gln Val Gln Thr Ser Gly Glu Ala Glu Lys Trp Phe Asp 235 230 235 240

Lys Trp Phe Lys Asn Pro Ile Pro Pro Lys Asn Leu Asn Met Asn Phe 245 250 255

Glu Leu Ser Asp Glu Met Lys Ala Leu Phe Lys Glu Pro Asn Asp Lys 260 265 270

Ala Leu Asn 275